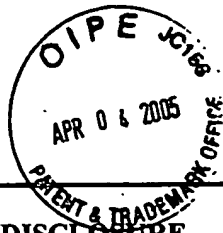


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INFORMATION DISCLOSURE STATEMENT PTO-1449		ATTY. DOCKET NO. 18120-0027		SERIAL NO. 10/762,216			
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U.S. PATENT DOCUMENTS							
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<i>[Signature]</i>	6,002,697	12/14/1999	Govorkov	372	34		
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<i>[Signature]</i>	US 2002/0110168	08/15/2002	Haumesser, et al.	372	39		
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<i>[Signature]</i>	Brunner, F., et al., "240-FS Pulses with 22-W Average Power from a Mode-Locked Thin-Disk Yb:KY (WO4)2 Laser", Optics Letters, Vol. 27, No. 13, pp. 1162-1164, July 1, 2002						
<i>[Signature]</i>	Innerhofer, E. et al., "60-W Average Power in 810-FS Pulses from a Thin-Disk Yb:YAG Laser", Optics Letters, Vol. 28, No. 5, pp 367-369, March, 1, 2003						
<i>[Signature]</i>	Südmeyer, T., et al., "High-Power Femtosecond Nonlinear Devices Pumped with a Mode-Locked Thin Disk Laser", Lasers and Electro-Optics Europe, pg. 245, June 22, 2003						
<i>[Signature]</i>	Paschotta, R., et al. "Ultrashort Pulses with High Average Power", Proceedings of the SPIE, Vol. 5137, pgs. 66-72, (2003)						
EXAMINER <i>[Signature]</i> DATE CONSIDERED 9-23-2005							

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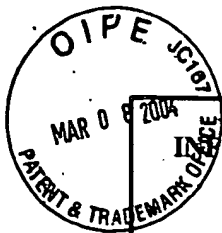
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	U. Brauch, et al., "Multiwatt Diode-Pumped Yb:YAG Thin Disk Laser Continuously Tunable Between 1008 and 1053 nm", Optics Letters, Vol. 20, No. 7, pp. 713-715, April 1, 1995						
	A. Beyertt, et al., "CPA-free Femtosecond Thin Disk Yb:KYW Regenerative Amplifier with High Repetition Rate", Advanced Solid State Photonics 2004						
	M.J. Lederer, et al., "Femtosecond Diode Pumped Reenerative Amplifier for Micromachining and Biomedical Applications Producing 250fs, 3μ J-pulses at 100kHz, Conference on Lasers and Electro-Optics, 2004						
	H. Liu, et al., "Yb:KGd (WO4)2 Chirped-Pulse Regenerative Amplifiers" Optics Communications, 203:315-321, 2002						
	Antoine Courjaud, et al., "Diode Pumped Multikilohertz Femtosecond Amplifier", Advanced Solid State Photonics, 2002						
	A. Beyertt, et al., "Femtosecond Thin Disk Yb:KYW Regenerative Amplifier without CPA", Advanced Solid State Photonics, pp. 372-375, 2003						
	Detlef Nickel, et al., "Ultrafast Thin-Disk Yb:KY(WO4)2 Regenerative Amplifier with a 200 kHz Repetition Rate", Optical Letters, Vol. 29, No. 23, pp. 2764-2766, December 1, 2004						
	Tatsuya Tomaru, "Two-Element-Cavity Femtosecond CR4+:YAG Laser", Conference on Lasers and Electro-Optics, 2001						
	J. Limpert, et al., "All Fiber CPA System based on Air-Guiding Photonic Badgap Fiber Compressor", Conference on Lasers and Electro-Optics, Optical Society of America, pp. 1-2, 2003						
	A. Tünnermann, et al. "High Power Femtosecond Fiber CPA Systems-Design and Applications, Conference on Lasers and Electro-Optics, Optical Society of America, pp. 1-2, 2003						
	J. Limpert, "High-Average-Power Femtosecond Fiber Chirped-Pulse Amplification System, Optics Letters, Vol. 28, No. 20, pp. 1984-1986, October 15, 2003						
EXAMINER	DATE CONSIDERED			9-23-2005			

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<i>AW</i>	J. Limpert, et al., "All Fiber Chirped-Pulse Amplification System Based on Compression in Air-Guiding Photonic Bandgap Fiber", Optical Society of America Optics Express, Vol. 11, No. 24, pp. 3332-3337, December 1, 2003						
<i>AW</i>	R. Maleck-Rassoul, et al., "Sub-40 fs Pulses from a 500 fs Green-Pumped Single-Pass Noncollinear Parametric Amplifier", Optical Society of America, Advanced Solid State Photonics, 2002						
<i>AW</i>	C. Hönninger, et al., "Diode-Pumped Thin-Disk Yb:YAG Regenerative Amplifier", Applied Physics B (laser and Optics), 65:423-426, 1997						
<i>AW</i>	http://www.imra.com/lasers-prod-fcpa.html , IMRA America, Inc., "FCPA μ Jewel Series"						
<i>AW</i>	http://www.amplitude-systemes.com/sPulse.htm , Amplitude Systems, "S-Pulse Femtosecond Amplifier"						
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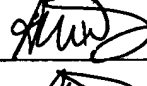

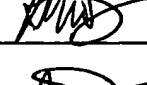



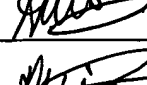
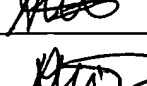
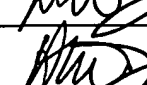
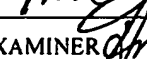



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<i>Am</i>	Bado, P. et al., "Nd:YLF Mode-Locked Oscillator and Regenerative Amplifier"; OPTICS LETTERS; May 1987; Vol. 12, No. 5; pp. 319-321.						
<i>Am</i>	Bagnoud, V. et al. "Diode-Pumped Regenerative Amplifier Delivering 100-mj Single-Mode Laser Pulses"; OPTICS LETTERS; March 15, 2001; Vol. 26, No. 6; pp. 337-339.						
<i>Am</i>	Balembois, F. et al., "High-Repetition-Rate Cw-Pumped Cr ³⁺ : LiSrAlF ₆ Femtosecond Regenerative Amplifier"; OPTICS LETTERS, Vol. 18, No. 15; August 1, 1993; pp. 1250-1252.						
<i>Am</i>	Barty, C.J. et al., "Regenerative Pulse Shaping and Amplification of Ultrabroadband Optical Pulses"; OPTICS LETTERS; February 1, 1996; Vol. 21, No. 3; pp. 219-221.						
<i>Am</i>	Barty, C.J. et al., "Generation of 18-fs, Multiterawatt Pulses by Regenerative Pulse Shaping and Chirped-Pulse Amplification"; OPTICS LETTERS; Vol. 21, No. 9; May 1, 1996; pp. 668-670.						
<i>Am</i>	Beaud, P. et al., "8-TW 90-fs Cr:LiSAF Laser"; OPTICS LETTERS; Vol. 18, No. 18; September 15, 1993; pp. 1550-1552.						
<i>Am</i>	Braun, A. et al., "Diode-Pumped Nd:Glass Kilohertz Regenerative Amplifier For Subpicosecond Microjoule Level Pulses"; APPLIED OPTICS; Vol. 36, No. 18; June 20, 1997; pp. 4163-4167.						
<i>Am</i>	Coe, J.S. et al., "Regenerative Amplification of Picosecond Pulses in Nd:YLF:Gain Narrowing and Gain Saturation"; J. OPT. SOC. AM. B; Vol. 5, No. 12; December 1998; pp. 2560-2563.						
<i>Am</i>	Dawson, M. et al., "Characterization of a High-Gain Picosecond Flash-Lamp-Pumped Nd:YAG Regenerative Amplifier"; OPTICS LETTERS; Vol. 13, No. 11; November 1988; pp. 990-992.						
<i>Am</i>	Dimmick, T. "Semiconductor-Laser-Pumped, cw mode-locked Nd: Phosphate Glass Laser Oscillator and Regenerative Amplifier"; OPTICS LETTERS; Vol. 15, No. 3; February 1, 1990; pp. 177-179.						
<i>Am</i>	Durfee, C.G. et al., "Pulse Compression in a Self-Filtering Nd: YAG Regenerative Amplifier"; OPTICS LETTERS; Vol. 17, No. 1; January 1, 1992; pp. 37-39.						
<i>Am</i>	Evans, J.M. et al., "Kilohertz Cr: Forsterite Regenerative Amplifier"; OPTICS LETTERS; Vol. 23, No. 21, November 1, 1998; pp. 1692-1694.						
EXAMINER <i>Dr. M. Draca</i>			DATE CONSIDERED <i>9-22-2005</i>				

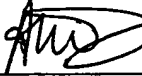

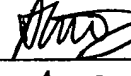
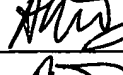

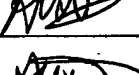
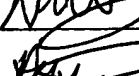


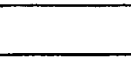

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<i>Amid</i>	Fu, Q. et al., "High-Average-Power Kilohertz-Repetition-Rate Sub-100-fs Ti:Sapphire Amplifier System"; OPTICS LETTERS; Vol. 22, No. 10, May 15, 1997; pp. 712-714.					
<i>Amid</i>	Gifford, M. et al., "Diode-Pumped Nd:YLF Regenerative Amplifier"; OPTICS LETTERS; Vol. 17, No. 24; December 15, 1992; pp. 1788-1790.					
<i>Amid</i>	Hankla, A.K. et al., "Tunable Short-Pulse Beat-Wave Laser Source Operating at 1 μ m", OPTICS LETTERS, Vol. 22, No. 22; November 15, 1997; pp. 1713-1715.					
<i>Amid</i>	Hariharan, A. et al., "Alexandrite-Pumped Alexandrite Regenerative Amplifier For Femtosecond Pulse Amplification", OPTICS LETTERS, Vol. 21, No. 2, January 15, 1996; pp. 128-130.					
<i>Amid</i>	Hofer, M. et al., "Regenerative Nd:Glass Amplifier Seeded With a Nd: Fiber Laser", OPTICS LETTERS; Vol. 17, No. 11; June 1, 1992; pp. 807-809.					
<i>Amid</i>	Horvath, C. et al., "Compact Directly Diode-Pumped Femtosecond Nd: Glass Chirped-Pulse-Amplification Laser System; OPTICS LETTERS; Vol. 22, No. 23; December 1, 1997; pp. 1790-1792.					
<i>Amid</i>	Hyde, S.C.W. et al., "Argon-Ion-Pumped and Diode-Pumped All-Solid-State Femtosecond Cr:LiSrAlF ₆ Regenerative Amplifiers"; OPTICS LETTERS; Vol. 20, No. 2; January 15, 1995; pp. 160-162.					
<i>Amid</i>	Jonusauskas, J. et al., "54-fs, 1-GW, 1-kHz Pulse Amplification in Cr:forsterite"; OPTICS LETTERS, Vol. 23, No. 24, December 15, 1998; pp. 1918-1920.					
<i>Amid</i>	Joo, T. et al., "Ti:sapphire Regenerative Amplifier for Ultrashort High-Power Multikilohertz Pulses Without an External Stretcher", OPTICS LETTERS, Vol. 20, No. 4; February 15, 1995; pp. 389-391.					
<i>Amid</i>	Kawanaka, J. et al., "30mj, Diode-Pumped, Chirped-Pulse Yb:YLF Regenerative Amplifier", OPTICS LETTERS, Vol. 28, No. 21; November 1, 2003; pp. 2121-2123.					
<i>Amid</i>	Kung, A.H., "Regenerative Amplification of a Single-Frequency Optical Parametric Oscillator", OPTICS LETTERS, Vol. 18, No. 23; December 1, 1993; pp. 2017-2019.					
<i>Amid</i>	Liu, H. et al., "Directly Diode-Pumped Millijoule Subpicosecond Yb:glass Regenerative Amplifier", OPTICS LETTERS; Vol. 24, No. 13; July 1, 1999; pp. 917-919.					
EXAMINER <i>Amid</i>			DATE CONSIDERED <i>9-22-2005</i>			

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	Liu, H. et al., "Directly Diode-pumped Yb:KY(WO4)2 Regenerative Amplifiers", OPTICS LETTERS; Vol. 27, No. 9; May 1, 2002; pp. 722-724.					
	Mellish, R. et al., "Diode-Pumped Cr:LiSAF All-Solid-State Femtosecond Oscillator and Regenerative Amplifier", OPTICS LETTERS; Vol. 20, No. 22; November 15, 1995; pp. 2312-2314.					
	Nabekawa, Y. et al., "Generation of 0.66-TW Pulses at 1 kHz by a Ti:sapphire Laser", OPTICS LETTERS; Vol. 23, No. 17; September 1, 1998; pp. 1384-1386.					
	Nabekawa, Y. et al., "Sub-20-fs Terawatt-Class Laser System With A Mirrorless Regenerative Amplifier and an Adaptive Phase Controller", OPTICS LETTERS; Vol. 27, No. 14; July 15, 2002; pp. 1265-1267.					
	Norris, T.B. "Femtosecond Pulse Amplification at 250 kHz With a Ti:sapphire Regenerative Amplifier and Application to Continuum Generation", OPTICS LETTERS; Vol. 17, No. 14; July 15, 1992; pp. 1009-1011.					
	Ohno, K. et al., "Adaptive Pulse Shaping of Phase and Amplitude of an Amplified Femtosecond Pulse Laser By Direct Reference To Frequency-Resolved Optical Gating Traces", OPT. SOC. AM. B; Vol. 19, No. 11; November 2002; pp. 2781-2790.					
	Perry, M.D. et al., "Cr:LiSrAlF6 Regenerative Amplifier", OPTICS LETTERS; Vol. 17, No. 8; April 15, 1992; pp. 604-606.					
	Raybaut, P. et al., "Directly Diode-Pumped Yb ³⁺ :SrY4(SiO4)3O Regenerative Amplifier", OPTICS LETTERS; Vol. 28, No. 22; November 15, 2003; pp. 2195-2197.					
	Reed, M. et al., "Widely Tunable Femtosecond Optical Parametric Amplifier at 250 kHz with a Ti:sapphire regenerative Amplifier", OPTICS LETTERS; Vol. 19, No. 22; November 15, 1994; pp. 1855-1857.					
	Ribeyre, X. et al., "Nd:glass Diode-Pumped Regenerative Amplifier, Multimillijoule Short-Pulse Chirped-Pulse Amplifier Laser", OPTICS LETTERS; Vol. 28, No. 15; August 1, 2003; pp. 1374-1376.					
	Rudd, J.V. et al., "Chirped-Pulse Amplification of 55-fs Pulses at a 1-kHz Repetition Rate in a Ti:Al2O3 Regenerative Amplifier", OPTICS LETTERS, Vol. 18, No. 23; pp. 2044-2046.					
	Ruggiero, A.J. et al., "Regenerative Amplification of Picosecond Pulses in Nd:YAG at Repetition Rates in the 100-kHz Range", OPT. SOC. AM. B, Vol. 8, No. 10; October 1991; pp. 2061-2067.					
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	Selker, M. D. et al., "Efficient, Diode-Pumped, Diode-Laser-Seeded, High-Peak-Power Nd:YLF Regenerative Amplifier"; OPTICS LETTERS, Vol. 19, No. 8; April 15, 1994; pp. 551-553.					
	Song, J. et al., "Mid-Infrared Pulses Generated From the Mixing Output of an Amplified, Dual-Wavelength Ti:sapphire System"; OPTICS LETTERS; Vol. 27, No. 3; February 1, 2002; pp. 200-202.					
	Tian, C. et al., "Synchronous, Dual-wavelength, Injection-Seeded Amplification of 5-ns Pulses in a Flash-Lamp-Pumped Ti:sapphire Laser"; OPTICS LETTERS; Vol. 24, No. 21; November 1, 1999; pp. 1496-1498					
	Turi, L. et al., "High-Power Longitudinally End-Diode-Pumped Nd:YLF Regenerative Amplifier", OPTICS LETTERS; Vol. 20, No. 2; January 15, 1995; pp. 154-156.					
	Vallancourt, G. et al., "Operation of a 1-kHz Pulse-Pumped Ti:sapphire Regenerative Amplifier", OPTICS LETTERS; Vol. 15, No. 6; March 15, 1990; pp. 317-319.					
	Wang, X.D. et al., "Regenerative Pulse Amplification In the 10-kHz Range"; OPTICS LETTERS; Vol. 15, No. 15; August 1, 1990; pp. 839-841.					
	Wynne, K. et al., "Regenerative Amplification of 30-fs Pulses in Ti:sapphire at 5 kHz"; OPTICS LETTERS; Vol. 19, No. 12; June 15, 1994; pp. 895-897.					
	Yamakawa, K. et al., "Two-Color Chirped-Pulse Amplification In an Ultrabroadband Ti:sapphire Ring Regenerative Amplifier"; OPTICS LETTERS; Vol. 28, No. 23; December 1, 2003; pp. 2402-2404.					
	Yang, J. et al., "0.09-terawatt Pulses With a 31% Efficient, Kilohertz Repetition-Rate Ti:sapphire Regenerative Amplifier"; OPTICS LETTERS; Vol. 26, No. 7; April 1, 2001; pp. 453-455.					
	Zhang, Z et al., "Dual-Wavelength Chirped-Pulse Amplification System", OPTICS LETTERS; Vol. 25, No. 8; April 15, 2000; pp. 581-583.					
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